

ABSTRACT

A method of marking materials, wherein the surface of a marking material and the surface of a material to be marked are matched, a laser beam is applied to the marking material while scanning the beam to form a mark, the material to be marked consisting a transparent body on which a pattern of a character or the like is formed. The method for marking comprises a first step of applying the laser beam to the marking material with the first laser power to evaporate the marking material and make them deposit to a predetermined part of the material to be marked, a second step of applying a laser beam to the deposited matter on the material to be marked with a second laser power to remove or transform the deposited mater. Steel or stainless steel is used as the marking materials.